

CUSTOMER NO. 24498
Serial No. 09/415,654

PATENT
RCA 89,830

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David Lowell McNeely
Serial No. : 09/415,654
Filed : October 12, 1999
For : A SAMPLED DATA DIGITAL FILTERING
SYSTEM
Art Unit : 2634
Examiner : L. B. Williams

RECEIVED

JUL 0 9 2004

Technology Center 2000

INFORMATION DISCLOSURE STATEMENT

- [] 1 Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
[] 2 Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
[X] 3 Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
[] 4 Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97(d)
[before issue fee payment]

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- [X] 5 A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- [] 6 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
[X] 7 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
[] 8 The required certification made in item 11 below; or
[X] 9 The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
[] 10 37 CFR § 1.97(d): [before issue fee payment]; and
(a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g., "Allowed Files, Batch ___, Date of Allowance _____"), and
(b) The required Certification is stated in item 11 below.

07/07/2004 EFL0RES 00000143 070832 09415654

01 FC:1806

180.00 DA

[] 11 Certification

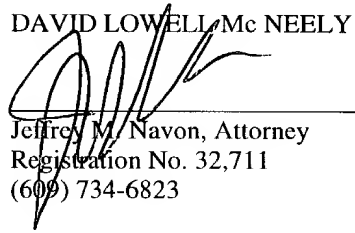
- [] 12 Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- [] 13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

- [X] 14 Please charge the applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0832. An original and one (1) copy of this document is enclosed.

Respectfully Submitted,

DAVID LOWELL Mc NEELY

BY:


Jeffrey M. Navon, Attorney
Registration No. 32,711
(609) 734-6823

Thomson Licensing Inc.
Patent Operations
P. O. Box 5312
Princeton, New Jersey 08543-5312

Enclosures

June 30, 2004

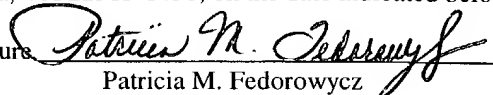
Certificate Of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in a postage-paid envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date:

June 30, 2004

Signature


Patricia M. Fedorowycz

CUSTOMER NO. 24498

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
RCA 89,830SERIAL NO.
09/
415,654INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97

(Use several sheets if necessary)

APPLICANT
David Lowell McNeelyFILING DATE
October 12, 1999GROUP
2634

U.S. PATENT DOCUMENTS

EXAMINE INITIAL	DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA	4,745,462	05/17/88	R. A. Dischert et al.	358	21R	
AB	5,784,378	07/21/98	B. P. Murray et al.	370	498	
AC						
AD						
AE						
AF						
AG						
AH						
AI						

RECEIVED

JUL 09 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No
AL						
AM						
AN						
AO						
AP						
AQ						

OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)

AR	"Mirror-Image Symmetric Perfect-Reconstruction FIR Filter Banks: Parametrization and Design", Kofidis E. et al., SIGNAL PROCESSING, AMSTERDAM, NL, vol. 68, no. 1, 20 July 1998, pp. 1-21.
AS	"A Generalized Structural Subband Decomposition of FIR Filters and its Application in Efficient FIR Filter Design and Implementation", Sanjit K. Mitra et al., IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, IEEE Inc., New York, US, vol. 40, no. 6, 1 June 1993, pages 363-374.
AT	"Pre-Interpolation Filters for Upsampling", Miao, G. J. et al., Motorola Technical Developments, Motorola Inc., Schaumburg, Illinois, US, vol. 34, 1 March 1998, pages 141-144.
AU	"Adaptive FIR Filter Structure Based on the Generalized Subband Decomposition of FIR Filters", Petraglia, M. R. et al., IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, IEEE Inc., New York, US, vol. 40, no. 6, 1 June 1993, pages 354-362
AV	(European Search Report dated January 28, 2002 & Chinese Office Action dated March 2, 2004, both enclosed.)

EXAMINER

DATE CONSIDERED

SUBMITTED BY:

REG.NO.:

DATE:

Jeffrey M. Navon

32,711

June 30, 2004

BEST AVAILABLE COPY